

Work Order ID 52125

September 16, 2009 2:17:36 PM



Page 1

Item ID: D3564-11

Accept



Setup Start



Revision ID: D

Stop



Item Name: Wearshoe

Start Date: 09/16/2009 Start Qty: 20.00



Cust Item ID:

Required Date: 09/25/2009 Req'd Qty: 20.00



Customer:

Reference:

Approvals: Process Plan: mf

Date: 09-09-16 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3564

Rev D

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3564 ***** (D3564-1F) ***** Dwg Rev: D Prog

Rev: D 12-Debur if necessary

IB 9-9-24

(24)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

IB 9-9-24

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

2) 5 09/09/24

counters
(224)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Page 2

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Item Name: Wearshoe

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Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130



Brake NC

NC BRAKE

0.00

Memo

0.00

Brake NC

Deburr if necessary ☐ Form on Brake as per Dwg D3564 using Jigs DT8179

8/09/09/24

24

140



QC

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

Quality Control

=> 8/09/09/24

counted
24

150



Large Fab

Large Fab

0.00

Memo

0.00

Large Fab

Qty Description Batch ☐ A/R 2059B Hardcoat
112272 ☐ Weld hardcoat as per Dwg D3437

EL 9-9-29

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Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC10- Inspect visual per QSI004- ground welds

0.00



QC

Memo

0.00

Quality Control

24

2505-25

170

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

24

2505-25

180

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00



Powdercoat

Memo

0.00

Powder Coating

START TIME: 2:15pm OVEN TEMPERATURE:
FINISH TIME: 3:20pm

=> 09/09/30

24x

W/O:		WORK ORDER CHANGES					
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Page 4

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Revision ID: D

Stop



Item Name: Wearshoe

Start Date: 09/16/2009 Start Qty: 20.00



Cust Item ID:

Required Date: 09/25/2009 Req'd Qty: 20.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

190

QC3- Inspect Part Finish

0.00

Bl 09-10-1

(24)



QC

Memo

0.00

Quality Control

200

Identify as per dwg & Stock Location

0.00

EV 09/10/01

(X24)



Packaging

Memo

0.00

Packaging

210

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/10/05
MF
09-10-01

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NOTE: Date & initial all entries

Picklist Print

September 16, 2009 2:17:36 PM

Page 1

Work Order ID: 52125



Parent Item: D3564-11RevD



Parent Item Name: Wearshoe

Start Date: 09/16/2009

Required Date: 09/25/2009

Comments:

Start Qty: 20.00

Required Qty: 20.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M304S16GA		Purchased	No			100	sf	261.2310	29.6842	35.6210		



13 9-9-24

304/316 Sheet .063

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

MAT

261.2309737

106860

16.018

111924

33.0549737

112290

36.8947

112442

79.2633

112567

96

112567

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NOTE: Date & initial all entries

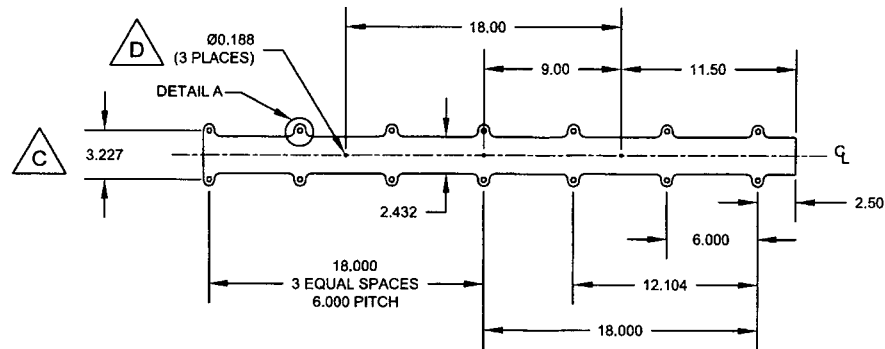
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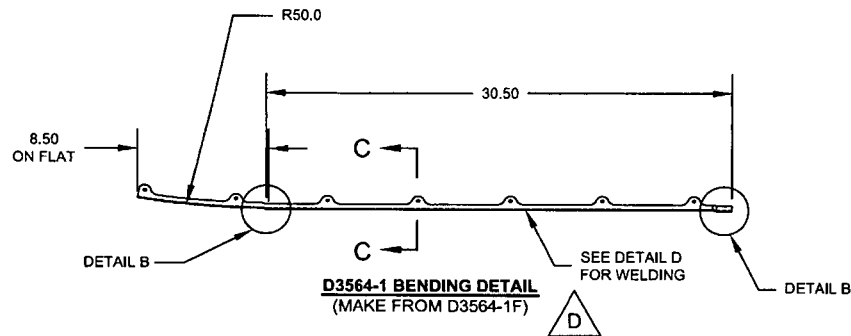
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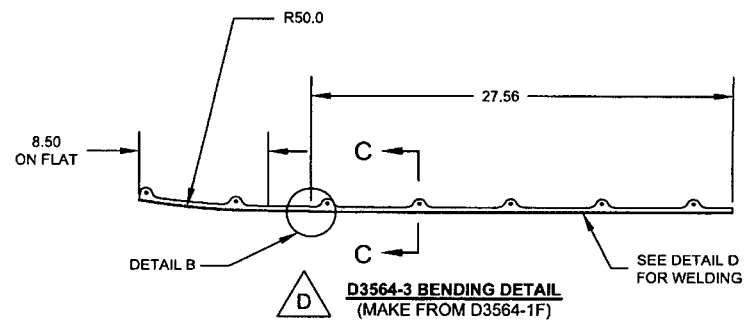
D3564-1F FLAT PATTERN

52125

RELEASED
07.09.04



D3564-1 BENDING DETAIL
(MAKE FROM D3564-1F)



D3564-3 BENDING DETAIL
(MAKE FROM D3564-1F)

D3564-1/-3/-5/-7/-9/-11/-13/-15 WEARPLATE NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)
(REF DART MATERIAL SPEC M304S16GA)
- 2) FINISH: POWDER COAT GREY SANDEX (REF 4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: SEE TABLE IN ZONE A3
- 8) WELD PER DART QSI 004
- 9) SEE PG 3 FOR SECTIONS AND DETAILS
- 10) PARTS ARE SYMMETRIC ABOUT Q

WEIGHTS:	
D3564-1	1.85 lbs
D3564-3	1.85 lbs
D3564-5	1.93 lbs
D3564-7	1.26 lbs
D3564-9	1.85 lbs
D3564-11	1.85 lbs
D3564-13	0.38 lbs
D3564-15	0.80 lbs

D	UPDATE DRAWING TEMPLATE; CHANGE ALL (TYP X PLS) TO (X PLACES); PG1 A8: UPDATE NOTES; PG1 A8, PG3 B5,C5: ADD D3564-15; PG1 B6,B3: D3564-1/-3 WAS ONE FIGURE; PG2 A7,A3: D3564-9/-11 WAS ONE FIGURE; PG2 A7,A3: D3564-9/-11 WAS ON PG1; PG3 B8,C8: D3564-13 WAS ON PG2; PG3 D2: WELDING DETAIL WAS ON PG1 PG3 A5,7,B2: RELOCATE DETAILS AND SECTION; PG3 A5,7,B2: INCREASE DETAIL AND SECTION SIZE		CB	07.08.21
C	MOVE TAB OUTBOARD, DETAIL A		PH	07.04.17
B	ADD AMS 5513 AND AMS 5524		PH	07.03.20
A	NEW ISSUE		PH	06.12.18
REV.	DESCRIPTION		BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	CB			
CHECKED	PH	DRAWING NO.	REV. D	
MFG. APPR.	PH	D3564	SHEET 1 OF 3	
APPROVED	PH	TITLE	SCALE	
DE APPR.	PH	WEARSHOE	1:8	
DATE	07.08.21		COPYRIGHT © 2006 BY DART AEROSPACE LTD	
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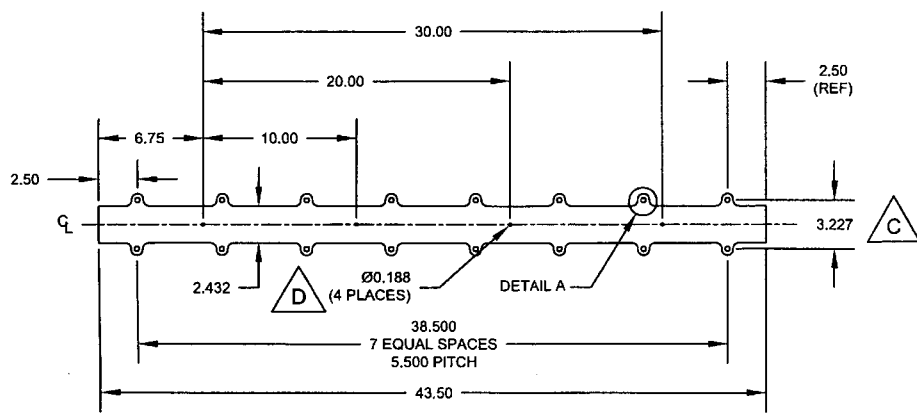
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

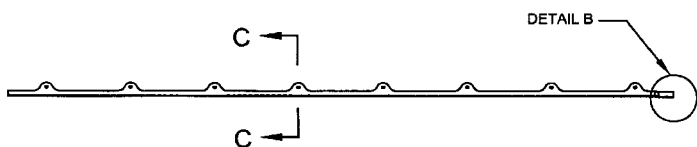
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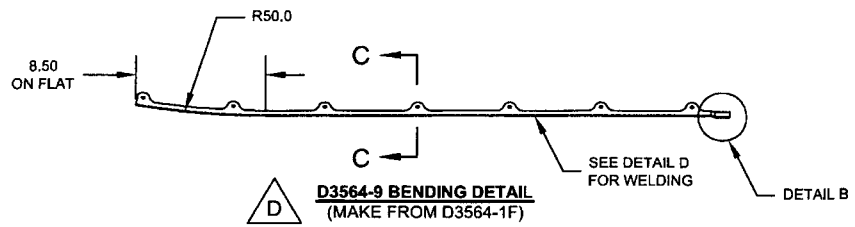
8 7 6 5 4 3 2 1



D3564-5F FLAT PATTERN

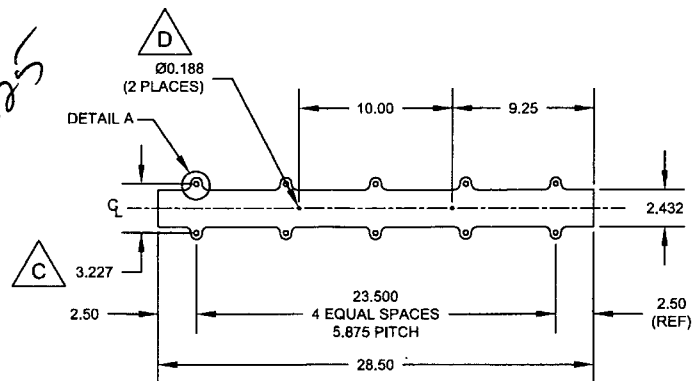


D3564-5 BENDING DETAIL
(MAKE D3564-5 FROM D3564-5F)

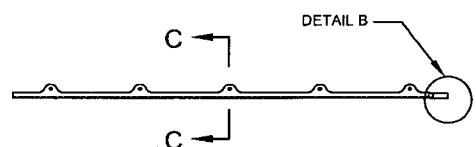


D3564-9 BENDING DETAIL
(MAKE FROM D3564-1F)

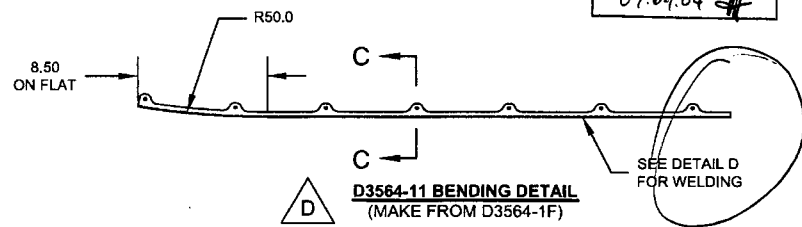
52125



D3564-7F FLAT PATTERN



D3564-7 BENDING DETAIL
(MAKE D3564-7 FROM D3564-7F)



D3564-11 BENDING DETAIL
(MAKE FROM D3564-1F)

RELEASED
07.09.04

DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CB		
CHECKED	PH	DRAWING NO.	REV. D
MFG. APPR.	PH	D3564	SHEET 2 OF 3
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARSHOE	1:8
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8 7 6 5 4 3 2 1

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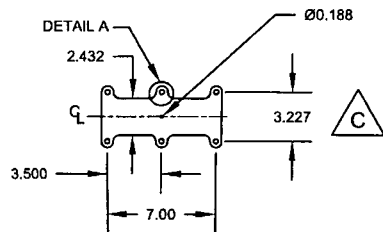
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

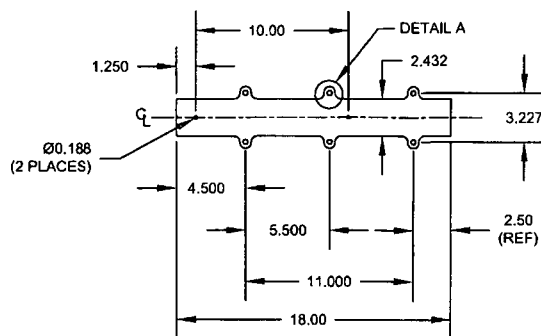
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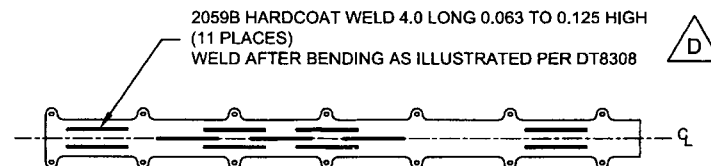
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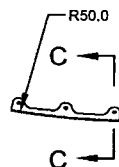
D3564-13F FLAT PATTERN



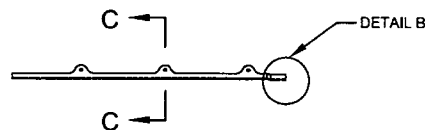
D3564-15F FLAT PATTERN



DETAIL D
(D3564-1/-3/-9/-11 WELDING DETAIL)



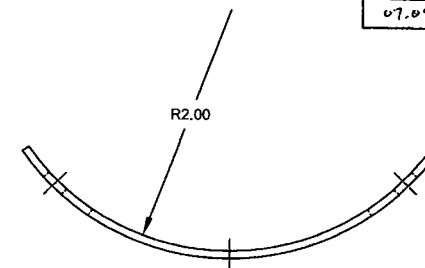
D3564-13 BENDING DETAIL
(MAKE D3564-13 FROM D3564-13F)



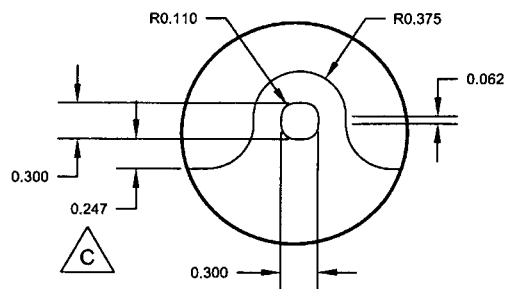
D3564-15 BENDING DETAIL
(MAKE D3564-15 FROM D3564-15F)

RELEASED

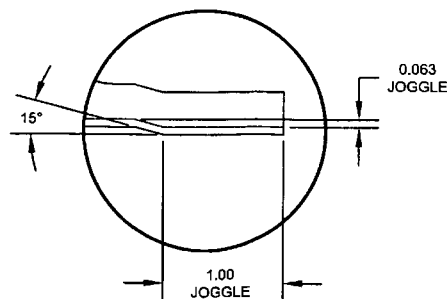
07.09.04



SECTION C-C
SCALE 1:1



DETAIL A
SCALE 1:1



DETAIL B
SCALE 1:1

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DRAWN	CB	HAWKESBURY, ONTARIO, CANADA
CHECKED	PH	DRAWING NO. REV. D
MFG. APPR.	PH	D3564 SHEET 3 OF 3
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8 7 6 5 4 3 2 1

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